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ABSTRACT

This document contains a series of six modules which illustrate selected concepts of mechanics with hands-on activities and audiovisual materials. Following the modules is a collection of readings which give detailed explanations of the concepts presented in the activities. A guide for teachers and workshop leaders is provided for use in planning instruction of the activities and lists equipment and information for the recommended audiovisual materials. Finally, a glossary provides definitions of many of the terms used in the modules. Module titles are: Sizing it Up; Mass and Force; Constant Speed Versus Acceleration; Interactions of Force, Mass, and Acceleration; Applying the Laws of Motion; and "Hidden Forces" Affecting Motion. (MKR)

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